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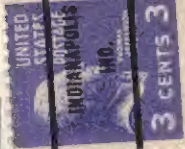
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PLENTY OF FREE PARKING

The Indianapolis Radio Club meets on the 2nd and 4th Friday of each month at the Indianapolis Park Board Building located at 29th and Harding Streets. Meetings start promptly at 8:00 P.M., Indianapolis time.

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Ama-Chewer is published monthly by and for I.R.C. and all Amateurs in this area. Non-Members of I.R.C. may subscribe at the rate of \$1.00 per year.

Publication is on the 3rd Friday of each month, with all news items and ads due no later than the 1st Friday of each month.

Ham-Ads (5 line limit) are free to members and subscribers. Others may use this facility at the rate of 50 cents per ad.

Ama-Chewer welcomes the forwarding of information on coming events of other clubs in the area for publication in the program section.

\*\*\*\*\*

## PROGRAM

April 14th	Regular Business Meeting and Mr. Bob White from ARRL's DXCC Division. This is a night all you DX hounds won't want to miss.
April 28th	Two guests from the Congo and Paraguay will present the amateurs views from the area of DX, and will hold a question and answer session on topics of your choice. See details in this issue.
April 28th-29th	Operation Alert for 1961 per details in this issue.
May 12th	Regular Business Meeting and our Annual Home-Brew Night. If you were in attendance last year you will remember the choice items that appeared, so don't miss this one.
May 26th	Annual Swap and Shop Night. This event gets bigger every year, so if you plan to clean house, here is your chance to realize some hard cash or pick up that little item you have been looking for.
June 9th	Regular Business Meeting and Hallicrafter Night. The May issue will cover complete details, however, as of now all we can say is mark your calander, don't miss it.
June 23rd	Hold this night open, so that you can be on hand to put the finishing touches to the planned set-up at the FIELD DAY site. Meeting will be at the site.
June 24th & 25th	FIELD DAY - Now is the time to plan this event, so get in touch with the Chief. Op. and get your operating team line up on the books.
July & August	We will take a vacation and have much big time operating mobile and cutting grass around the homestead.

\* \* \* \* \*

### ANY CHANGES???

If you have had a change of address or telephone number, drop us a line so we can pass along the info. to the holders of the IRC Directory of Marion Co. for up-dating purposes. See page one for address or phone.

\* \* \* \* \*

## PRESIDENTS FREQUENCY

With the Indiana Basketball Finals over, Spring arrived on March 20th at 3:32 PM, EST, accompanied by mucho-mucho rain, spring fever and dreams of vacation time. The time when our thoughts turn to the great outside and of course portable and mobile operation of our gear.

Recently we made a trip to one of our local Ham Suppliers (the only day it didn't rain) and found it very pleasant talking to many Amateurs and swapping ideas on mobile operation on both VHF and UHF. I highly recommend this as a means of getting caught up on your eye-ball contacts as you will be suprised at the number of people you know by voice, but wouldn't know if he looked right at you.

Again I wish to invite everyone to attend the IRC meetings every second and fourth Friday of each month. Remember you don't have to be a member to attend and the welcome mat is always out to guests.

You see, we hope that you or guests of our members will find themselves so much at home and enjoy the meetings so well that they will want to become members. Just in case you didn't know, applications are available from any IRC member. All you have to do is ask him, he will even furnish the pen.

There are many interesting meetings and programs coming up between now and the time we shut down for vacations, so everyone should check the program sked. and make sure that they will be able to make each and everyone.

Coming up very soon and I do mean soon as time flies, is Field Day. IRC has always done very well in the past and it is the opinion of our members that we can up our record and reap a few more of the awards. Make arrangements with the group leader of the frequency that you wish to work and get in the show.

As you all know, this year the FIELD DAY SITE will be the Willow Brook Golf Course at 46th and Keystone Ave. This location will be handy to everyone and there will be no long miles to drive to and from.

Let me wrap it up by again inviting all members to bring along a fellow ham to our next meeting and let him see how a going outfit gets along and let him enjoy a program designed for Amateurs. Secondly get in touch with the Chief Op. and take part in this years Field Day operation.

Your Old Bald-headed Pres.

K9JSF

Our guests this month are the members of the NAFI Amateur Radio Club, and we are proud to present their officers for 1961.

Looking from left to right:

Keith Blackwell-W9PLB, who is the President for 1961.  
Lynne Hull, W9NPV, who is a Director and Trustee.  
Walter Flockhart-W9SJQ, holds down the job of Activities Chairman, which makes him a marked man of the club.  
John Meeks, is the Secretary-Treasurer.  
Harry Smith-W9TT, is a Director and Chief Op.  
Leon Armstrong-K9RYD, who is the Vice-President was absent at the time the photo was taken.



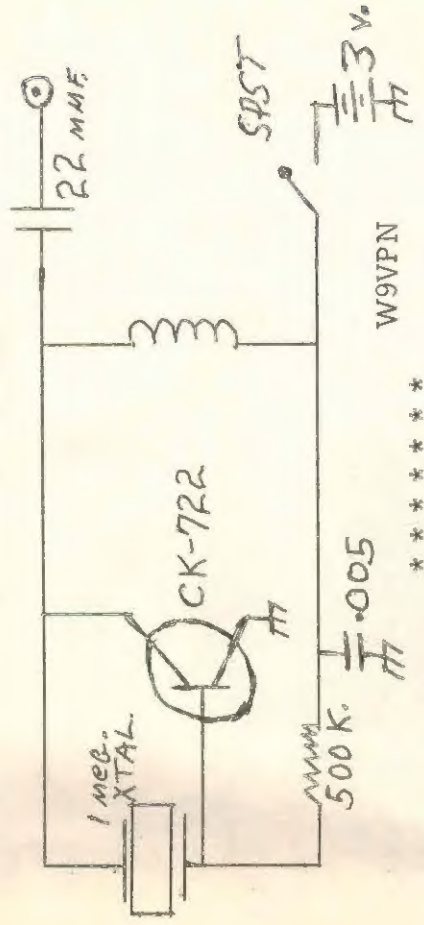
The club station, K9NBK, uses a number of items of surplus gear including BC-610 transmitters and smaller Collins and Hallicrafter transmitters. Two Hammarlund Super-Pro receivers as well as several BC-342's and an RAL are on hand. The club recently completed construction of a special novice transmitter and also acquired a Heath Sixer.

The club will hold a Ham auction during its regular meeting night on April 11th. With the meeting getting under way at 7:30 PM. Interested amateurs or others are invited to bring in their surplus gear for auction.

\*\*\*\*\*

This month we have a handy item which should be no more than a one night project. The unit covers 21 to 50 mc., and you should not have to spend any head scratching time if you follow the parts as listed. Use a 3 inch antenna for ample pick-up.

# 1000 KC. CALIBRATOR



## GRAHAMS SPECIALS OF THE MONTH

Johnson Viking Ranger.....	\$185.00
Johnson Pacemaker.....	\$265.00
Johnson Courier Linear Amplifier.....	\$184.50
Globe Scout DeLuxe.....	\$120.00
Hallicrafter SX-96.....	\$185.00
Gonset - G.S.B.-100.....	\$375.00
Hammarlund - HQ-170.....	\$299.00
R.ME. VHF 152-A.....	\$ 39.95

\*\*\*\*\*

MANY OTHERS AVAILABLE AT EQUALLY GOOD PRICES

\*\*\*\*\*

## OPERATION ALERT 1961 IN APRIL

Contact D. J. McVicker-W9JZV for the details and project assignments. As stated in the March issue of Ama-Chewer, the operation begins at 4:00 PM of the 28th and will continue to 6:00 P.M. of the 29th. This period covers a week-end which will allow many of you to take an active part, especially you fellows that are operating mobile.

\*\*\*\*\*

## OPERATION SNOWBOUND

The first indication that anything was amiss was at noon on Sat. Feb. 25th; when K9SUW heard K9GGF on 6M calling CQ-Emergency. On contacting Vern, Al found that the Bridgeport area was without power and telephone facilities.

K9SUW notified W9BVR, EC of Marion Co. and was authorized to activate an emergency net on 50.7. Soon after this Al lost his antenna and was replaced on the net by K9KGJ and K9RYK.

At 1800 hrs., K9VPE assumed net control, at which time K9LQW set out on a mobile check at Bluff Rd.

Stations participating in this operation were: W9BVR, K9GEL, K9JDT, W9MHP, K9KFL/9, K9SGV, W9VPN, W9SRT, W9VMH, K9VHE, W9EAA, K9GGF, K9RYK, K9HBA, K9LVQ, K9PNF, K9YQR, K9QDR, K9SQD, K9LZJ, K9ZLC, K9BBZ, W9YWE, K9CBD, W9UIQ, K9GUP, K9WST, K9WSV, K9LMH.

Emergency calls from the Sheriffs Office were relayed to the net by K9LVQ. The net closed out at 2355 hrs.

It is noteworthy that there is always some amateurs monitoring the amateur emergency frequencies. This and other reports that we have had, point out the fact that there is always someone who is willing to help, using his skill, equipment and time. This is the true meaning of amateur emergency operation.

I wish to especially extend my thanks to Arthur W.

Niccum, K9LQW, for the services he rendered in the use of his mobile station in the Operation Snowbound.

Operating data has been furnished by K9VPE, acting net control of the Marion County AREC net.

D. J. McVickers, W9JZV  
Deputy Director, Comm.  
Indpls. and Marion Co.  
Civil Defense

\* \* \* \* \*

## YOU ALL COME

Dayton Hamfest will be held this year on April 29th. It is recommended that every one wear light clothing otherwise there won't be room to wiggle. Get up a group and we will see you in the big city of Dayton having a wonderful time. Registration is only \$2.00 and man oh man those prizes are terrific. Have fun, but drive safely going and coming so we can get together and rag-chew the event later.

\* \* \* \* \*

## TWENTY YEARS AGO

In April of '41, R. J. Kryter presented a program at the IRC meeting held at Insley's, entitled "Making Big Ones Out of Little Ones." The program dealt with microscopic examination of matter, which Bob displayed by projecting microscopic images on a screen. As usual Bob held his audience spell-bound.

During this month Bob Annis brought his then new Dynamic Balancer to a meeting, set it up, and demonstrated and explained its use of radio components and the details of how it performed its job. This was the fore-runner of the equipment that Bob builds today.

Also during the month, Mr. Davidson of Bell Telephone Co. presented a program on "Ballistics of Rifles and Pistols."

W9RTH was reported as a new local ham, an XYL, and a graduate of one of the clubs code schools. W9RSP was another new ham, while W9NYO was listed as just having joined the staff of WIBC.

Fritz Manning who was trying with no apparent success to promote some 2 1/2 and 5 meter construction activity which prompted Paul Nelson-W9BHC then Secretary of the club to write a full page entreaty "Lets Go U.H.F." We could sure use more like Paul when it comes to finding the words to fill these blank pages. Hint! Hint! Hint! Hint!

Then there was a poet in the club who came forth and enlightened all with the following and we quote.

## ODE TO SPRING

It ain't cause Fritz got in his hair,  
That YMV is off the air.

It must be Spring that brought the mood,  
That urged poor Roy, his rig to move.

He pushed it here and shoved it there,  
Without a worry or a care.

Alas, alack, the wires got crossed,  
A flash of fire and all was lost.

Oh, woe cried he in accents blue,  
I really don't know just what to do.

But cheer up Roy, the fire is out,  
No reason now, why you should pout.

With just a bit of fastening there  
Your rig will soon be on the air.

## PART OF THE POLICY

We promised to print MOST everything that was sent to us, so try these on for size:

DAMPED OSCILLATION: End of a rock and roll party.  
SEMICONDUCTOR: Railway official under five foot two.  
TRIODE: What the "beatnik" poet writes.  
HYSTERESIS: One of those new viruses.  
GRID BIAS: College football game reported by old grad.  
MEGACYCLE: Small Italian scooter.  
MEMORY TUBE: Wedding ring.  
ISOLATION NETWORK: The office grapevine.

\* \* \* \* \*

### APRIL 28TH

The following is in part a letter from W9CKB to Ama-

Chewer which gives the details of the April 28th program.

"As the dates now stand, the missionaries will arrive here on April 26th and stay for a period of ten days to attend a short radio training period.

On Friday night April 28th at 8:00 PM I hope to have Dr. Robert Nelson, our executive secretary of the African Dept. come to the radio club.

In addition Mr. Clarence Williams, our missionary and radio operator in the Congo will speak to the members on how the radio equipment is used for communications in the Congo, and he will also bring us first hand information on the values that radio had during the beginning of the Congo crisis. If you remember he had all his equipment taken away from him.

Mr. R. Q. Adams will speak briefly on the equipment being used in Paraguay.

These presentations will be short and ample time will be given for our members to ask questions regarding the Congo and Paraguay.

I will appreciate it very much if you will mention in the Ama-Chewer that any unused equipment which the members of the Indpls. Radio Club may have around their shacks will be welcomed by these men to take back with them to the Congo and Paraguay."

There you are lads and lassies, a chance to learn first hand what all the trouble is about in the Congo and to get the word on radio operation in Paraguay and Africa. We expect a full house for this one, but don't be afraid to bring your friend as there is always room for one more.

\* \* \* \* \*

## WHAT'S NEWS THIS MONTH

Central Electronics Co. a division of Zenith Radio, is to build a new 100,000 sq. ft. building in Paris, Ill. for their electronic mfg. facilities.

Collins has a new general coverage high frequency receiver coded as the 51S-1. It covers AM and SSB and has extreme dial accuracy, with visual setting within one kc. throughout its entire tuning range, thru use of digital tuning. No info on price as yet.

The Siamese Twin, is the name being attached to a double transistor developed by RCA. It is capable of boosting the voltage of a standard automobile battery ten times, and increasing other low-power sources in varying degrees. The unit will be offered initially as a dc chopper amplifier. The unit can be made to amplify electronic signals, convert them from dc to ac and back again, regulate their power or flow, subtract one signal from another and amplify the difference. This sounds like a hot item for you homebrew fans, and those who like to get more for their mobile gear with little increase in source.

Another item to take a look at is the new 20 amp. diffused junction silicon rectifiers also made by RCA.

There have been some great gains in the design of high frequency log-periodic antennas by the Granger Assoc. out of Palo Alto, Calif. They are not in the amateur field but they have ideas that would seem great for a do-it-yourself project by some of our handy-andy hams.

Keep your eyes peeled to the skys on the bright clear days of spring and you are sure to get a look at one of the new B-58 Hustlers, one of Uncles newest jet bombers, using Indpls. as a navigation control point during training flights. Look quick as it isn't there long.

Electronic Labs of Torrance, Calif. has developed a single sideband crystal filter using fourteen piezoelectric crystals. It has a passband from 300 cps to 3.2 kc. at a carrier frequency of 1.75 mc, lower sideband and carrier frequency rejection of 70 db. with insertion loss of plus-minus 0.5 db. The filter is housed in a 1" x 2.625" X 4.187" case with sub-miniature coaxial connectors.

Anyone who has info. on new products or ideas that have not hit the local market are welcome to pass along the details for this column.

\* \* \* \* \*

### SWAP AND SHOP

The day of barter and exchange is coming ever closer, and we would like to remind you that now is the time to get the surplus ready to haul down to the Swap and Shop Auction.

On April 14th Bob White, DX Manager of ARRL will be the guest at a dinner with the local DX gang. The plans are that we will complete dinner in time to attend the IRC meeting at which time Bob will present some of the highlights of recent DX'ing.

The dinner will be by reservation only and for full details contact Alvey Pittman-W9JJC at AX 1-9252. We will be looking forward to seeing all you DX-hounds at both the dinner and the meeting, and we can assure you that this will be a four star event of the season.

While we are on the subject of DX, if you are the least bit interested in DX or have worked any DX at any time, send your QSL to Alvey with the word DX on it, nothing else. He has plans to develop a picture of the local DX scene, see who is top dog, who has certificates, etc. There is even the possibility that Ama-Chewer can pick up your activity as a monthly feature. Don't forget to get in touch with Alvey via a QSL and he can get the show on the road.

\* \* \* \* \*

### THE BIG "O" IS NOW PROJECT OSCAR

The pioneering spirit of amateur radio is not dead and a spark of an idea is turning into a flame, in the development of Project OSCAR-Orbital-Satelite-Carrying-Amateur-Radio.

The December and February issues of CQ carry pictures of this fascinating project in which it is planned to piggy-back an amateur transmitter on a missile shot.

The west coast gang, almost all already professionally involved in rocket activity are grinding out the details. It is understood transmission is planned on 144 mc. If the OSCAR team is successful in their efforts and contacts to include the amateur xmtr ( 3" dia. by 6" long) in some future shot, the thousands of potential stations submitting data from all over the world, will bring into focus the pioneering spirit of Amateur Radio that breathes the life into this unique hobby.

At this time we don't know how IRC can fit into the picture, but we have written to the OSCAR Association to offer what we can. Their reply and future developments will be included in later issues of Ama-Chewer.

\* \* \* \* \*

The program that followed the March 10th meeting was presented by Mr. W. R. Williams-W9ZEB, from the Indiana Bell Telephone Co. Engineering staff. Mr. W. R. introduced us all to the new "Bell-Boy", and it prompted one of our members to try it on for size. (See Bob Hill on the cover)

The Bell-Boy is a small transistorized receiver which will fit into your shirt or suit pocket just like a package of cigarettes. Its purpose is to let you know by telephone no matter where you are in Marion County that someone is trying to reach you.

It works like this....suppose that you are in the corner drug store having that quick morning coffee break and you suddenly hear your Bell-Boy giving out with a tone signal. This tells you that your office is trying to reach you so you step to the nearest phone and call in. If they have a big deal on the fire, you are on your way without ever going back to the office and you have saved time which might mean money to you and your company.

Mr. Williams explained that there will be five 250 watt transmitters located around Marion Co. which will transmit simultaneously thereby assuring the units of a strong signal. As a call is placed a code group signal will be transmitted which will activate only the unit to which it is intended.

For those of you who attended the meeting you now know all the technical points so we will skip them here, and go on to say that the units will be available in the area soon at a cost of \$15.00 per month. Further details can be had from Bill-W9ZEB or by contacting the telephone company.

(A tip of the lid to you Bill for a fine program. Ed.)

\* \* \* \* \*

### IT ONLY HAPPENS IN STORIES

Time and time again we see articles about safety in ham radio, and for the most part pass it off as some words that are used to fill space in the publication.

A short time ago a local ham came within a prayer of being electrocuted when a antenna he was erecting fell into a 13,200 volt power line.

Now we know this could never happen to you, but just in case, always make sure that you are well in the clear of high voltage, meaning that your tower should be able to fall in any direction without getting into the power line.

PLAY IT SAFE, and stay with us awhile.

\* \* \* \* \*

Hank, K9LZJ really wants to get on SSB, as he has just started to work for Rockwell Eng. Co. so he can stock up on the green stuff for the purchase of that new gear.

\*\*\*\*\*

As of this writing we don't have all the details, but we have learned that a generous amateur in Indpls. has given a receiver to the students at the Blind School for their radio station. Can anyone furnish us with the details?

\*\*\*\*\*

Did you catch the 50 mc. rag-chew that was tearing the ARRL up one side and down the other and the remark in closing that they hoped the Amateurs wouldn't loose any part of the 6M band. That is what you can call biting your cake and keeping it under your pillow at the same time.

\*\*\*\*\*

Mrs. Caskey, mother of Bob-W9DNQ, left the hospital on March 23rd where she had been confined due to a broken hip. Mrs. Caskey is 85 young years old and we hope she is soon up and around as her usual friendly and usual self.

\*\*\*\*\*

We have two potential hams knocking at the door of IRC in the persons of Craig Larsen age 13, and Denny Colvin, age 12. They have made application for an associate membership and promise to be regular in attendance to earn their full IRC membership. Hope your tickets arrive real soon fellas.

\*\*\*\*\*

Rickey-K9KSP, after listening to Frank Owens explain about transformers at the March 24th meeting, now knows why his power supply made of two TV transformers goes, quote "Klunk" unquote, when he turns on the B plus.

W9JZV

\*\*\*\*\*

#### VAN SICKLE'S SPECIALS OF THE MONTH

Globe King 500-B .....	\$395.00
Globe 6N2 VFO .....	\$ 39.00
Globe Scout DeLuxe...NEW...	\$129.00
Globe Side-Bander .....	\$119.00
Johnson Challenger .....	\$ 79.00
Johnson 6N2 XMTR .....	\$ 95.00
NEW...Gonset 6M Conv .....	\$ 59.00
Heath DX-20...WIRED .....	\$ 29.00
6 Meter T-Craft...With Power Supply .....	\$ 45.00

\*\*\*\*\*

#### AMATEUR OF THE MONTH

This month we deal in the plural, as the amateurs of the month are the gang from the Hunter QTH.

The boss man is Curtis-K9LVS, who holds a Technician ticket which was issued in July of 1960. Curtis operates a Sixer, which he alternates between the home QTH and his station wagon, where it gets a good work out as Curtis moves about the city performing the duties of Loan Officer for the Speedway State Bank.

By far the better looking of the three is Diana-Kn9SMK who earned her Novice ticket at the ripe old age of nine. She is studying for her Tech. when ever the homework from her sixth grade class at Crooked Creek Grade School permits.



The DX hound of the family is Winston-K9DWT, who holds a General ticket and is a dyed in the wood Side-Bander. Winston is a freshman at Butler U.

The gear at the QTH consists of a Johnson Pacemaker, a Hallicrafter SX-111, a Sixer, a Tri-Bander at 55 feet on a wooden pole, with a eight element 6M beam extending up another few feet.

The QTH is located at 4252 Black Oak Dr. here in Indpls. where Mrs. Hunter combats QRM and dit and da's like you have never heard in your life. The only thing the gang won't tell, is how they decided who has first choice on the ham shack.

March 12, 1961

Ama-Chewer Editor  
K9IUH  
Indianapolis, Indiana

As you know we had a snow storm on the 25th of February that found many of us, especially the Hoosier basketball fans totally unprepared.

The storm isolated the 2000 residents of Zionsville, along with some 1500 out-of-town basketball fans attending the sectional tournament here. A thirteen hour power failure, and local-only telephone service added to the complications of the 12 inches of snow.

The Boone County Civil Defense Amateur Radio Net was operating within the first hour of the power failure, handling traffic to county highway departments in an attempt to rescue stranded motorists and get emergency vehicles through.

Ed Ward-K9CRS using a mobile unit on 147.3 megacycles installed only the previous week was able to provide the only communications out of Zionsville. Working with K9TCM-Marge Keeling in Lebanon, Giles Walker-W9QYY in Kirklín, Clare Huckstep-K9JIR also of Lebanon and Bill Daupert-K9MGV, the Boone County Net had a total traffic count of eighty-eight during the thirteen hour period of operation.

At the request of the telephone company, we were able to provide a gasoline driven welding generator to supplement battery power for the Zionsville telephone exchange thus maintaining local service for the duration of the power shortage.

W9QYY, not only aided in the emergency communications but provided food and lodging for seventeen stranded motorists.

73  
Ed Ward-K9CRS  
Zionsville

WHO WILL BE TOP DOG

It's only a short time till home-brew night rolls around so now is the time to shine up your home-brew equipment and bring it down to the May 12th meeting and let the gang look it over. Who knows you may be the top-dog. We haven't any word about a prize, but knowing IRC it's a good bet there will be some loot for the winner.

HAM ADS

WANTED Information from all Amateurs in the Indpls. Area  
...Changes of address or phone numbers so that the information can be passed along to all owners of IRC Directories for updating purposes. Write or call..... K9IUH  
VI 6-5191

FOR SALE OR TRADE Converted prop-pitch motor.  
K9PDP  
FL 9-4007

FOR SALE 800 Watt Transmitter with P.P. 813's,  
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K9ALJ  
WA 3-5697

FOR SALE W2EWL SSB XMTR as per March, 1956 QST.  
Very Neat Job..... \$75.00  
BC-458-A....5.3 to 7 mc. Xmtr..... \$15.00  
Cliff Alsop  
CL 5-4860

\*\*\*\*\*

I.R.C.C. SPRING MEETING

The spring meeting of IRCC will be held on April 9th at Indiana University, Bloomington, Indiana.

If you are a member of another club in the area, we would like to remind you that if your club is not represented at three consecutive meetings, it will automatically be dropped from the IRCC roll.

It would be a favor to the members of all radio clubs to check and see that they will be represented, especially if the club missed the last meeting.

Here is your chance to get on the back of your officers.

\*\*\*\*\*

GOONEY BOX SKED.

March 31 to April 14	K9DWT	June 9 to June 23	K9BSU
April 14 to April 28	W9FJR	June 23 to June 26	F.Day
April 28 to May 12	W9CKB	June 26 to July 14	Open
May 12 to May 26	Open	July 14 to July 28	Open
May 26 to June 9	Open		

As you can see the sked is beginning to fill up, so if you have plans for the Gooney Box during the summer months.

Portrait

Commercial  
Weddings

## PHOTOGRAPHY

by

**Frank M. Fitch**

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